

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTY. DOCKET NO.
265280-73406

SERIAL NO.
10/656,345

APPLICANT
Pamela Plouhar et al.

FILING DATE
September 5, 2003

GROUP
3738

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AS	AA	4,610,397	Sep. 9, 1986	Fischer et al.			
	AB	5,736,372	Apr. 7, 1998	Vacanti et al.			
	AC	5,939,323	Aug. 17, 1999	Valentini et al.			
	AD	6,840,962	Jan. 11, 2005	Vacanti et al.			
AS	AE	2004/0143344	Jul. 22, 2004	Malaviya et al.			
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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		Document Number	Date	Country	Class	Subclass	Translation Yes No
AS	AL	WO 03/007790 A2	Jan. 30, 2003	PCT			X
AS	AM	GB 2 215 209	Sep. 20, 1989	United Kingdom			X
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	AR	Definitions of "intertwine" and "twine", <i>American Heritage Dictionary of the English Language Online</i> , Accessed 9/29/05, 2 pgs.
AS	AS	How to Cut Meat Products 2001, <i>Urschel Corp.</i> , Accessed online at fr.urschel.com/literature/HTCMeat.pdf on 10/3/05, 8 pgs.
AS	AT	Definitions of "comminute" and "slurry", <i>Dictionary.com</i> ; Accessed 9/20/05, 2 pgs.
	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	

Examiner

A. Stuart

Date Considered

05/22/04.

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AS	AA	4,352,463	Oct. 5, 1982	Baker			
	AB	4,956,179	Sep. 11, 1990	Bamberg et al.			
	AC	3,272,204	Sep. 13, 1966	Artandi et al.			
	AD	4,703,108	Oct. 27, 1987	Silver et al.			
	AE	5,061,286	Oct. 29, 1991	Lyle			
	AF	5,102,421	Apr. 7, 1992	Anspach, Jr.			
	AG	5,447,940	Sep. 5, 1995	Harvey et al.			
	AH	5,759,208	Jun. 2, 1998	Valentini			
	AI	5,773,577	Jun. 30, 1998	Cappello			
	AJ	5,800,537	Sep. 1, 1998	Bell			
AK	5,834,232	Nov. 10, 1998	Bishop et al.				

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	Document Number	Date	Country	Class	Subclass	Translation Yes No	
AS	AL	WO 03/007788 A2	Jan. 30, 2003	PCT			X
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AS	AR	Friess, "Collagen in drug delivery and tissue engineering", <i>Advanced Drug Delivery Reviews</i> , Vol. 55, No. 12, 2003, pgs. 1529-1530
AS	AS	Olsen et al., "Recombinant collagen and gelatin for drug delivery", <i>Advanced Drug Delivery Reviews</i> , Vol. 55, No. 12, 2003, pgs. 1547-1567
	AT	Aigner et al., "Collagens-major component of the physiological cartilage matrix, major target of cartilage degeneration, major tool in cartilage repair", <i>Advanced Drug Delivery Reviews</i> , Vol. 55, No. 12, 2003, pgs. 1569-1593
	AU	Geiger et al., "Collagen sponges for bone regeneration with rhBMP-2", <i>Advanced Drug Delivery Reviews</i> , Vol. 55, No. 12, 2003, pgs. 1613-1629
	AV	Ruszczak et al., "Collagen as a carrier for on-site delivery of antibacterial drugs", <i>Advanced Drug Delivery Reviews</i> , Vol. 55, No. 12, 2003, pgs. 1679-1698
	AW	O'Grady et al., "Global regulatory registration requirements for collagen-based combination products: points to consider", <i>Advanced Drug Delivery Reviews</i> , Vol. 55, No. 12, 2003, pgs. 1699-1721
AS	AX	Matthews et al., "Electrospinning of Collagen Type II: A Feasibility Study", <i>Journal of Bioactive and Compatible Polymers</i> , Vol. 18, March 2003, pgs. 125-134
	AY	Biscarini et al., "Growth of High Vacuum Sublimed Oligomer Thin Films", <i>ACS Polymer Preprints</i> , Vol. 37, No. 2, 1996, pgs. 618-619
	AZ	Biscarini et al., "Morphology and roughness of high-vacuum sublimed oligomer thin films", <i>Thin Solid Films</i> , Vol. 439-443, 1996, pgs. 284-285

Examiner <u>A. Stent</u>	Date Considered <u>05/22/06</u>
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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AS	BA	5,981,802	Nov. 9, 1999	Katz			
	BB	6,290,711	Sep. 18, 2001	Caspari et al.			
	BC	6,358,284	Mar. 19, 2002	Fearnot et al.			
	BD	6,373,221	Apr. 16, 2002	Koike et al.			
	BE	6,464,729	Oct. 15, 2002	Kandel			
	BF	6,517,564	Feb. 11, 2003	Grafton et al.			
	BG	6,572,650	Jun. 3, 2003	Abraham et al.			
	BH	6,652,872	Nov. 25, 2003	Nevo et al.			
	BI	6,666,892	Dec. 23, 2003	Hiles et al.			
	BJ	6,692,499	Feb. 17, 2004	Törmälä et al.			
AS	BK	2003/0014126	Jan. 16, 2003	Patel et al.			

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	BM						
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	BP						

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AS	BR	Biscarini et al., "Scaling Behavior of Anisotropic Organic Thin Films Grown in High-Vacuum", <i>Physical Review Letters</i> , Vol. 78, No. 12, March 24, 1997, pgs. 2389-2392
	BS	Voytik-Harbin et al., "Identification of Extractable Growth Factors from Small Intestinal Submucosa", <i>Journal of Cellular Biochemistry</i> , Vol. 67, 1997, pgs. 478-491
	BT	McPherson, Ph.D. et al., "Characterization of Fibronectin Derived from Porcine Small Intestinal Submucosa", <i>Tissue Engineering</i> , Vol. 4, No. 1, 1998, pgs. 75-83
	BU	Hodde, et al., "Vascular Endothelial Growth Factor in Porcine-Derived Extracellular Matrix", <i>Endothelium</i> , Vol. 8(1), 2001, pgs. 11-24
	BV	Hodde et al., "Wounds: A Compendium of Clinical Research and Practice", Website: http://www.hmpcommunications.com/WNDS , Printed: July 12, 2005, 7 pgs.
	BW	Hurst et al., "Mapping of the distribution of significant proteins and proteoglycans in small intestinal submucosa by fluorescence microscopy", <i>J. Biomater. Sci. Polymer Edn.</i> , Vol. 12, No. 11, 2001, pgs. 1267-1279
	BX	Hodde et al., "Fibronectin peptides mediate HMEC adhesion to porcine-derived extracellular matrix", <i>Biomaterials</i> , Vol. 23, 2002, pgs. 1841-1848
	BY	Hodde, "Naturally Occurring Scaffolds for Soft Tissue Repair and Regeneration", <i>Tissue Engineering</i> , Vol. 8, No. 2, 2002, pgs. 295-308
AS	BZ	Allman et al., "Xenogeneic Extracellular Matrix Grafts Elicit a Th2-Restricted Immune Response", <i>Transplantation</i> , Vol. 71, No. 11, June 15, 2001, pgs. 1631-1640

Examiner A. Stuart	Date Considered 05/22/06
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	CB	2003/0036801	Feb. 20, 2003	Schwartz et al.			
	CC	2003/0021827	Jan. 30, 2003	Malaviya et al.			
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	CE	2003/0044444	Mar. 6, 2003	Malaviya et al.			
	CF	2003/0033021	Feb. 13, 2003	Plouhar et al.			
	CG	2003/0049299	Mar. 13, 2003	Malaviya et al.			
	CH	2003/0036797	Feb. 20, 2003	Malaviya et al.			
	CI	2003/0023316	Jan. 30, 2003	Brown et al.			
	CJ	2002/0173806	Nov. 21, 2002	Giannetti et al.			
AS	CK	4,418,691	Dec. 6, 1983	Yannas et al.			

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AS	CR	Allman et al., "The Th2-Restricted Immune Response to Xenogeneic Small Intestinal Submucosa Does Not Influence Systemic Protective Immunity to Viral and Bacterial Pathogens", <i>Tissue Engineering</i> , Vol. 8, No. 1, 2002, pgs. 53-62
↓	CS	Krčma, "Nonwoven Textiles", <i>Textile Trade Press, Manchester, England</i> , 1962, 6 pgs.
↓	CT	Answers.com., Definition of "freeze-dry", Accessed on May 12, 2005, 6 pgs.
↓	CU	Ma et al., "Microtubular architecture of biodegradable polymer scaffolds", <i>J. Biomed. Materials Res.</i> , Vol. 56, No. 4, 2001, pgs. 469-477
↓	CV	Ma et al., "Biodegradable Polymer Scaffolds with Well-Defined Interconnected Spherical Pore Network", <i>Tissue Engineering</i> , Vol. 7, No. 1, 2001, pgs. 23-33
↓	CW	Klawitter et al., "An Evaluation of Bone Growth into Porous High Density Polyethylene", <i>J. Biomed. Materials Res.</i> , Vol. 10, (1976) pgs. 311-323
↓	CX	White et al., "Biomaterial Aspects of Interpore-200 Porous Hydroxyapatite", <i>Dental Clinics of North America, Reconstructive Implant Surgery and Implant Prosthodontics</i> 1, Vol. 30, No. 1, pgs. 49-67
↓	CY	Shors, "Coralline Bone Graft Substitutes, <i>Orthopaedic Clinics of North America</i> , Bone Grafting and Bone Graft Substitutes, Vol. 30, No. 4, October 1999, pgs. 599-613
AS	CZ	Wang, "Experimental Study of Osteogenic Activity of Sintered Hydroxyapatite—On the Relationship of Sintering Temperature and Pore Size—, <i>J. Jpn. Orthop. Assoc.</i> , Vol. 64, 1990, pgs. 847-859

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	DB	5,595,621	Jan. 21, 1997	Light et al.			
	DC	5,863,551	Jan. 26, 1999	Woerly			
	DD	6,110,212	Aug. 29, 2000	Gregory			
	DE	6,451,032	Sep. 17, 2002	Ory et al.			
	DF	6,458,383	Oct. 1, 2002	Chen et al.			
	DG	6,812,221	Nov. 2, 2004	McKeehan et al.			
	DH	2001/0024658	Sep. 27, 2001	Chen et al.			
	DI	2001/0043943	Nov. 22, 2001	Coffey			
AS	DJ	2003/0212447	Nov. 13, 2003	Euteneuer et al.			
	DK						
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	Document Number	Date	Country	Class	Subclass	Translation Yes No	
	DL						
	DM						
	DN						
	DO						
	DP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
AS	DR	Nehrer et al., "Matrix collagen type and pore size influence behavior of seeded canine chondrocytes", <i>Biomaterials</i> , Vol. 18, No. 11, 1997, pgs. 769-776					
AS	DS	Salem et al., "Interactions of 3T3 fibroblasts and endothelial with defined pore features", <i>J. Biomed Materials Res.</i> , Vol. 61, No. 2, 2002, pgs. 212-217					
AS	DT	Klootwyk, et al., "The Use of Xenographic SIS as a Biomaterial for Achilles Tendon Repair in Dogs," <i>First SIS Symposium</i> , December, 1996, USA					
	DU						
	DV						
	DW						
	DX						
	DY						
	DZ						
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